ELSEVIER

Neuroscience Letters 354 (2004) 252–254

Neuroscience Letters

www.elsevier.com/locate/neulet

Contents to Volume 354

Volume 354, no. 1

Neuroscience Letters enters the new millenium
S.G. Waxman (USA) 1

Serotonergic genes and personality traits in the Korean population
B.-J. Ham, Y.-H. Kim, M.-J. Choi, J.-H. Cha, Y.-K. Choi, M.-S. Lee (South Korea) 2

Modafinil prevents the MPTP-induced increase in $GABA_A$ receptor binding in the internal globus pallidus of MPTP-treated common marmosets
B.-Y. Zeng, L.A. Smith, R.K.B. Pearce, B. Tel, L. Chancharme, G. Moachon, P. Jenner (UK, France) 6

Increase of spiny I activity in striatum after development of context-dependent sensitization of catalepsy in rats
S.T. Frank, W.J. Schmidt (Germany) 10

Human non-phase-locked gamma oscillations in experience-based perception of visual scenes
V. Goffaux, A. Mouraux, S. Desmet, B. Rossion (Belgium, USA) 14

Visual completion of three-dimensional, chromatic, moving stimuli in humans
M. Liinasuo, I. Kojo, J. Häkkinen, J. Rovamo (Finland, UK) 18

Persistence of visual–tactile enhancement in humans
M. Taylor-Clarke, S. Kennett, P. Haggard (UK) 22

Ketamine attenuates hypocapnia-induced neuronal damage in the caudoputamen in a rat model of chronic cerebral hypoperfusion
E. Miyamoto, S. Nakao, H. Tomimoto, H. Wakita, M. Yamada, M. Masuzawa, K. Takahira, S. Sakamoto, K. Shingu (Japan) 26

Analgesic and behavioral effects of a 100 μT specific pulsed extremely low frequency magnetic field on control and morphine treated CF-1 mice
N.M. Shupak, J.M. Hensel, S.K. Cross-Mellor, M. Kavaliers, F.S. Prato, A.W. Thomas (Canada) 30

α-Synuclein selectively increases manganese-induced viability loss in SK-N-MC neuroblastoma cells expressing the human dopamine transporter
C. Pifl, M. Khorchide, A. Kattinger, H. Reither, J. Hardy, O. Hornykiewicz (Austria, USA) 34

An electrophysiological correlate of human visual awareness
M. Wilenius-Emet, A. Revonsuo, V. Ojanen (Finland) 38

Neural networks engaged in short-term memory rehearsal are disrupted by irrelevant speech in human subjects
F. Kopp, E. Schröger, S. Lipka (Germany, UK) 42

Artificially produced meteorological changes aggravate pain in adjuvant-induced arthritic rats
J. Sato, M. Aoyama, M. Yamazaki, S. Okumura, K. Takahashi, M. Funakubo, K. Mizumura (Japan) 46

Evidence from brain imaging with fMRI supporting functional specificity of acupoints in humans
W.-T. Zhang, Z. Jin, F. Luo, L. Zhang, Y.-W. Zeng, J.-S. Han (China) 50

The effect of polyglutamine expansion in the human androgen receptor on its ability to suppress β-catenin-Tcf/Lef dependent transcription
D.A. Cullen, R. Killick, P.N. Leigh, J.-M. Gallo (UK) 54

Rotenone induces disassembly of the Golgi apparatus in the rat dopaminergic neuroblastoma B65 cell line
F.J. Diaz-Corrales, M. Asanuma, I. Miyazaki, N. Ogawa (Japan) 59

Protective effect of growth hormone on neuronal apoptosis after hypoxia–ischemia in the neonatal rat brain
D.H. Shin, E. Lee, J.-W. Kim, B.-S. Kwon, M.K. Jung, Y.H. Jee, J. Kim, S.-r. Bae, Y.P. Chang (South Korea) 64

Target evaluation processing and serum levels of nerve tissue protein S100B in patients with remitted major depression
D.E. Dietrich, U. Hauser, M. Peters, Y. Zhang, M. Wiesmann, M. Hasselmann, S. Rudolf, O. Jüngling, H. Kirchner, T.F. Münte, V. Arolt, H.M. Emrich, S. Johannes, M. Rothermundt (Germany, Switzerland) 69

Activation of cerebral cortex during acoustic challenge or acute foot-shock in freely moving, nontethered rats
D.P. Holschneider, J.-M.I. Maarek, J. Yang, J. Harimoto, O.U. Scremin (USA) 74

Hemorrhagic sympathoinhibition mediated through the periaqueductal gray in the rat
C. Dean (USA) 79

Involvement of the medial amygdaloid nucleus in restraint stress-induced pressor responses in rats
T. Kubo, H. Okatani, Y. Nishigori, Y. Hagiwara, R. Fukumori, Y. Goshima (Japan) 84

Volume 354, no. 2

Substance P immunoreactive nerve fibres in the domestic chick ankle joint before and after acute urate arthritis
C.A. Lunam, M.J. Gentle (Australia, UK) 87
Intracranial measurement of current densities induced by transcranial magnetic stimulation in the human brain
T. Wagner, M. Gangitano, R. Romero, H. Théoret, M. Kobayashi, D. Anschel, J. Ives, N. Cuffin, D. Schomer, A. Pascual-Leone (USA) 91
Hypoxia-induced apoptosis of dorsal root ganglion neurons is associated with DNA damage recognition and cell cycle disruption in rats
H. Honma, L. Gross, A.J. Windebank (USA) 95
α-Synuclein immunoreactivity in neuronal nuclear inclusions and neurites in multiple system atrophy
W.-L. Lin, M.W. DeLucia, D.W. Dickson (USA) 99
A polymorphism in the angiotensin 1-converting enzyme gene is associated with damage to cerebral cortical white matter in Alzheimer's disease
J. Tian, J. Shi, K. Bailey, J.M. Harris, A. Pritchard, J.-C. Lambert, M.-C. Chartier-Harlin, S.M. Pickering-Brown, C.L. Lendon, D.M.A. Mann (UK, China, France) 103
Lovastatin and mevastatin reduce basal and cytokine-stimulated production of prostaglandins from rat microglial cells in vitro: evidence for a mechanism unrelated to the inhibition of hydroxy-methyl-glutaryl CoA reductase
G. Tringali, M. Vairano, C. Dello Russo, P. Preziosi, P. Navarra (Italy) 107
EEG power and coherence analysis of visually presented nouns and verbs reveals left frontal processing differences
P. Khader, F. Rösler[1] (Germany) 111
Perception of apparent motion in depth: a high-density electrical mapping study in humans
Y. Kobayashi, A. Yoshino, M. Kawamoto, Y. Takahashi, S. Nomura (Japan) 115
Decrease in haemoglobin oxygenation during absence seizures in adult humans
K. Buchheim, H. Obrig, W. v. Pannwitz, A. Müller, H. Heekeren, A. Villringer, H. Meierkord (Germany) 119
Theta coupling in the human electroencephalogram during a working memory task
P. Sauseng, W. Klimesch, M. Doppelmayr, S. Hanslmayr, M. Schabus, W.R. Gruber (Austria) 123
Differences in calcium signalling in rat peripheral sensory neurons
M. Kress, C. Distler (Germany) 127
Alteration of striatal dopaminergic function induced by glioma development: a microdialysis and immunohistological study in the rat striatum
M. Lonjon, M.H. Quentien, J.J. Risso, J.F. Michiels, E. Carre, J.C. Rostain, O. Darbin (France) 131
Diversity of the muscarinic and nicotinic responses of subfornical organ neurons in rat slice preparations
K. Inenaga, E. Honda, K. Ono (Japan) 135
Distinct regions of periaqueductal gray (PAG) are involved in freezing behavior in hooded PVG rats on the cat-freezing test apparatus
J.M. Farook, Q. Wang, S.M. Moochhala, Z.Y. Zhu, L. Lee, P.T.-H. Wong (USA, Singapore) 139
Activity-inducible protein Homer1a/Vesl-1S promotes redistribution of postsynaptic protein Homer1c/Vesl-1L in cultured rat hippocampal neurons
Y. Inoue, N. Honkura, A. Kato, S. Ogawa, H. Udo, K. Inokuchi, H. Sugiyama (Japan) 143
Increased phosphorylated-μ-opioid receptor immunoreactivity in the mouse spinal cord following sciatic nerve ligation
M. Narita, N. Kuzumaki, M. Suzuki, M. Narita, K. Oe, M. Yamazaki, Y. Yajima, T. Suzuki (Japan) 148
Agmatine reduces only peripheral-related behavioral signs, not the central signs, of morphine withdrawal in nNOS deficient transgenic mice
F. Aricioglu, I.A. Paul, S. Regunathan (Turkey, USA) 153
Electroacupuncture reduces the extent of lipid peroxidation by increasing superoxide dismutase and glutathione peroxidase activities in ischemic-reperfused rat brains
F.K.W. Siu, S.C.L. Lo, M.C.P. Leung (China) 158
Glutathione monoethyl ester provides neuroprotection in a rat model of stroke
M.F. Anderson, M. Nilsson, P.S. Eriksson, N.R. Sims (Sweden, Australia) 163
Central administration of leucine, but not isoleucine and valine, stimulates feeding behavior in neonatal chicks
T. Izumi, K. Kawamura, H. Ueda, T. Bungo (Japan) 166
Impulsive-like behavior in differential-reinforcement-of-low-rate 36 s responding in mice depends on training history
T. Pattij, L.M. Broersen, S. Peter, B. Olivier (The Netherlands, USA) 169
Effects of experimentally induced inflammation on temporomandibular joint nociceptors in rats
Y. Takeuchi, J.L. Zeredo, R. Fujiyama, T. Amagasa, K. Toda (Japan) 172
Erratum to "Spatial invariance in anticipatory orienting behaviour during human navigation" [Neuroscience Letters 339 (2002) 243–247]
P. Prévost, Y. Ivanenko, R. Grasso, A. Berthoz (France, Italy) 175

Volume 354, no. 3

Posterior cingulate metabolic changes occur in Parkinson's disease patients without dementia
R.M. Camicioli, J.R. Korzan, S.L. Foster, N.J. Fisher, D.J. Emery, A.C. Bastos, C.C. Hanstock (Canada) 177
Conduction failure of action potentials in sensory sural nerves of undernourished rats
B. Segura, J.C. Guadarrama, G. Pratz, V. Mercado, H. Merchant, L. Cintra, I. Jiménez (Mexico) 181
Effects of phencyclidines on signal transfer from the entorhinal cortex to the hippocampus in rats

T. Dugladze, E. Lepsveridze, J. Breustedt, C. Kehrer, U. Heinemann, T. Gloveli (Germany) 185
Neurotrophin receptors in taste buds of adult zebrafish (*Danio rerio*)
A. Germana, T. González-Martínez, S. Catania, R. Laura, J. Cobo, E. Ciriaco, J.A. Vega (Italy, Spain) 189
The effect of musical training on the neural correlates of math processing: a functional magnetic resonance imaging study in humans
V.J. Schmithorst, S.K. Holland (USA) 193
5-Aminoimidazole-4-carboxamide-ribonucleoside enhances oxidative stress-induced apoptosis through activation of nuclear factor-κB in mouse Neuro 2a neuroblastoma cells
J.E. Jung, J. Lee, J. Ha, S.S. Kim, Y.H. Cho, H.H. Baik, I. Kang (South Korea) 197
Expression of Musashi1, a neural RNA-binding protein, in the cochlea of young adult mice
J. Murata, A. Murayama, A. Horii, K. Doi, T. Harada, H. Okano, T. Kubo (Japan) 201
Nucleus accumbens and medial prefrontal cortex dopaminergic response to self-administered cocaine in naive rats
A. Ikegami, C.L. Duvauchelle (USA) 205
Temperature and 3,4-methylenedioxymethamphetamine alter human serotonin transporter-mediated dopamine uptake
S.N. Saldaña, E.L. Barker (USA) 209
p53-mediated mitochondrial dysfunction by proteasome inhibition in dopaminergic SH-SY5Y cells
K. Nakaso, Y. Yoshimoto, H. Yano, T. Takeshima, K. Nakashima (Japan) 213
Consumption of high carbohydrate, high fat, and normal chow is equally suppressed by a cannabinoid receptor antagonist in non-deprived rats
A.N.A. Verty, I.S. McGregor, P.E. Mallet (Australia) 217
Alcohol-induced apoptosis of canine cerebral vascular smooth muscle cells: role of extracellular and intracellular calcium ions
W. Li, J. Li, W. Liu, B.T. Altura, B.M. Altura (USA) 221
Positive effects of deprenyl and estradiol on spatial memory and oxidant stress in aged female rat brains
M. Kiray, N. Uysal, A. Sönmez, O. Açıkgöz, S. Gönenç (Turkey) 225
Stroke-prone rats exhibit prolonged behavioral deficits without increased brain injury: an indication of disrupted post-stroke brain recovery of function
S. Maguire, R. Strittmatter, S. Chandra, F.C. Barone (USA) 229
Chronic intoxication with 3-nitropropionic acid in rats induces the loss of striatal dopamine terminals without affecting nigral cell viability
D. Blum, M.-C. Galas, L. Cuvelier, S.N. Schiffmann (Belgium) 234
Effects of gender and gonadal hormones on nociceptive responses to intraplantar carrageenan in the rat
J.M. Tall, T. Crisp (USA) 239
Cortistatin, a modulatory peptide of sleep and memory, induces analgesia in rats
M. Méndez-Díaz, M. Guevara-Martínez, C.R. Alquicira, K. Guzmán Vásquez, O. Prospéro-García (Mexico) 242
Temporal lobe pathology of human patients with neurofilament inclusion disease
N.J. Cairns, E. Jaros, R.H. Perry, R.A. Armstrong (USA, UK) 245

Author Index 248
Volume of Contents 252